

What is the scale factor September 17, 2018

Find the value of x and the length of segment DE.

Find the height of the tree.

Handwritten notes:

reducing  
 $\frac{8}{12} = \frac{6}{9} = \frac{10}{15} = .67$   
 $\frac{6}{9} = .67$

$x = 13$   
 $\sqrt{DE} = 12$

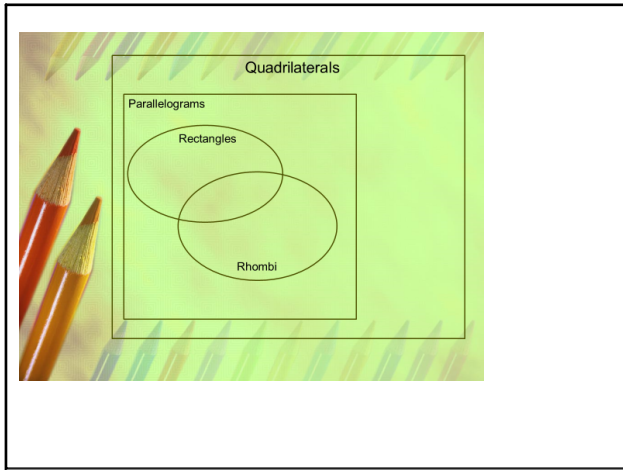
$2(6) = x - 1$   
 $12 = x - 1$   
 $+1$   
 $13 = x$

$\frac{2}{3} = \frac{t}{30}$   
 $3t = 60$   
 $\frac{3}{3}$   
 $t = 20$

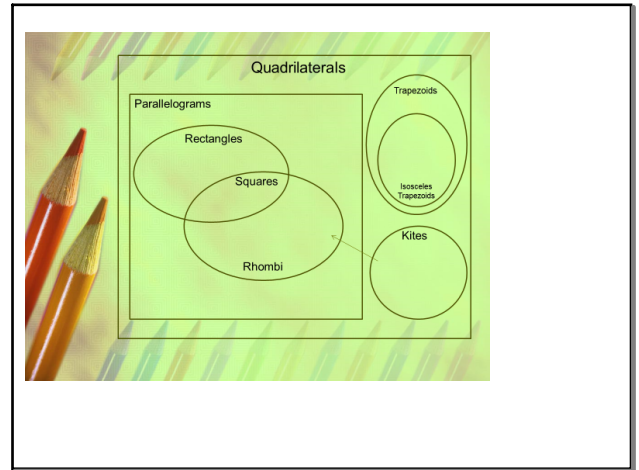
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# Quadrilateral Venn Diagram

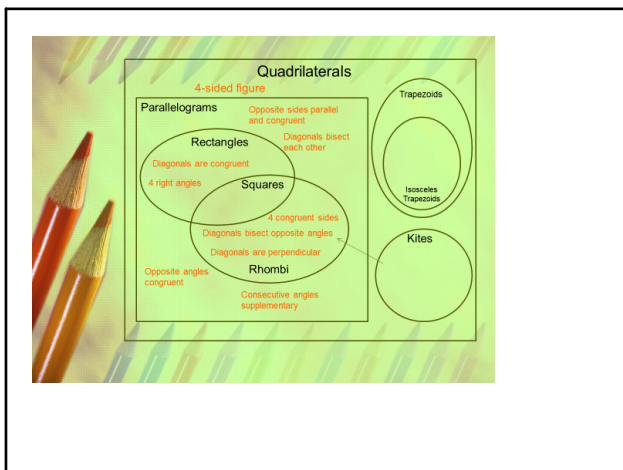
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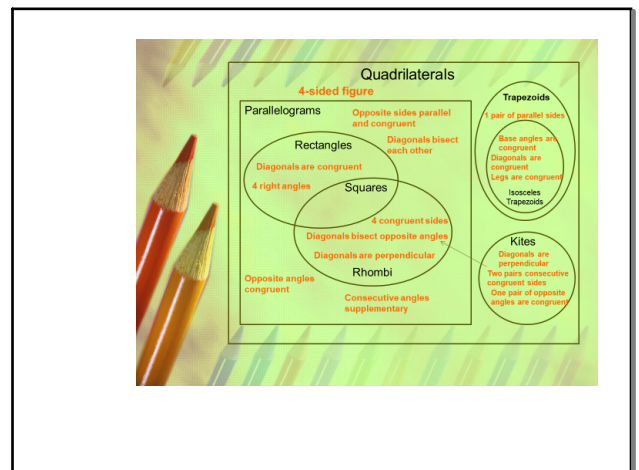
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Geometry \_\_\_\_\_ Name \_\_\_\_\_

**Quadrilaterals**

Cut the following out and place on the G.O. where the items go.

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### Quadrilaterals – Properties Chart

Complete the properties chart for each quadrilateral. Tell how many and which angles or sides fit each description. Tell the characteristics of the diagonals for each quadrilateral.

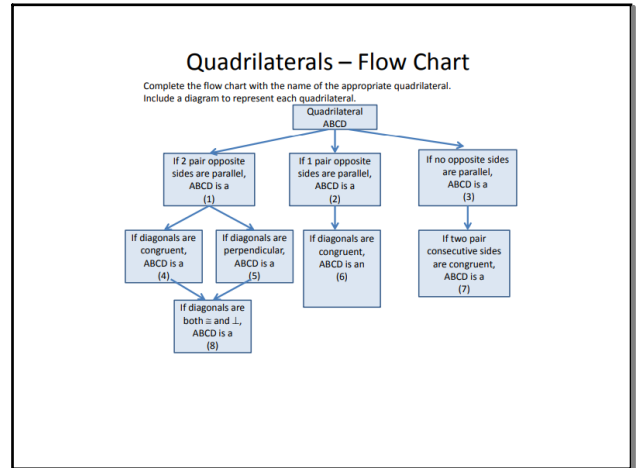
Figure	Congruent Angles	Congruent Sides	Parallel Sides	Diagonals
<del>Parallelogram</del>	Yes, opposite angle	Yes, opposite side	Yes, 2 sets	bisect
<del>Rectangle</del>	Yes, all 4	Yes, 2 sets	Yes, 2 sets	bisect
Rhombus				
<del>Square</del>	Yes, all 4	Yes, all 4	Yes, 2 sets	They are equal, they bisect
Trapezoid				
Isosceles Trapezoid				
<del>Kite</del>	Yes, 1 set	Yes, 2 sets	NO	perpendicular

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September 18, 2018

List 4 quadrilaterals  
 Draw pictures of 3 quadrilaterals you listed  
 Write characteristics for 2 of your quadrilaterals

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Sep 14-8:16 AM

### Quadrilaterals – Venn Diagram

Complete the Venn diagram with the name of the appropriate quadrilateral. Include a diagram(s) to represent each quadrilateral.

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Geometry \_\_\_\_\_ Name \_\_\_\_\_

**Quadrilateral**

Word Bank: Trapezoid, Rhombus, Kite, Square, Rectangle, Quadrilateral, Isosceles Trapezoid, Parallelogram, parallel pairs sides


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September 19, 2018, 3 days until Fall break.

Draw a circle and label the circle L

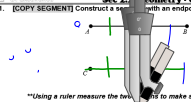
Draw a circle with a compass...



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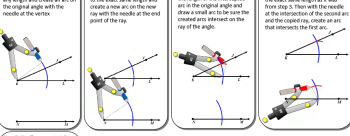
**Sec 2.1 Geometry - Constructions** Name: \_\_\_\_\_

**1. [COPY SEGMENT] Construct a segment with an endpoint of C and congruent to the segment AB.**



**\*\*Using a ruler measure the two segments to make sure they have the same measure.**

**2. [COPY ANGLE] Construct an angle with ray  $\overrightarrow{WX}$  and congruent to the angle  $\angle DEF$ .**

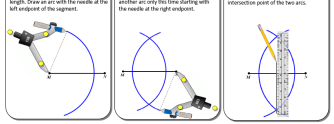


**\*\*Using a protractor measure the two angles to make sure they have the same measure.**

H. Winking Unit 2.2 page 24

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**3. [Perpendicular Bisector] Construct a perpendicular bisector to the segment  $\overline{AB}$ .**

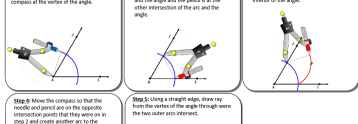


**\*\*Using a ruler measure the two halves of the segment to make sure they have the same measure.**

H. Winking Unit 2.2 page 23

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**4. [Angle Bisector] Construct an angle bisector of the angle  $\angle DEF$ .**

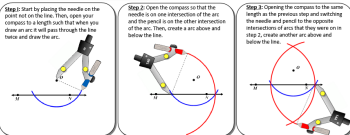


**\*\*Using a ruler measure the two halves of the segment to make sure they have the same measure.**

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**5. [Perpendicular to a Line Through a Point] Construct a perpendicular line to  $\overline{AB}$  through point C.**

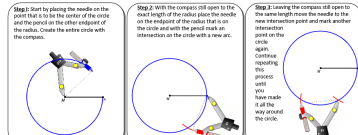


**\*\*Using a ruler measure the two halves of the segment to make sure they have the same measure.**

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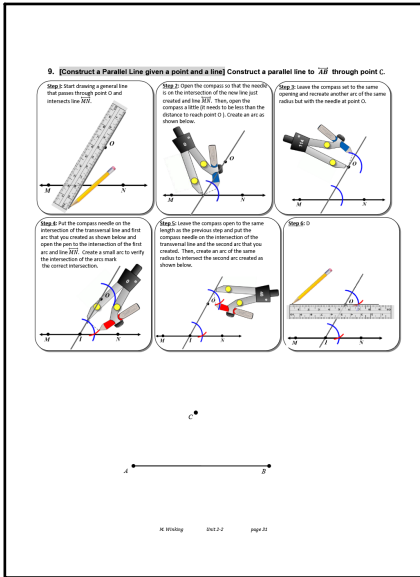
**7. [Triangle Inscribed in a Circle] Construct a circle with radius  $\overline{XY}$  and an inscribed regular triangle.**



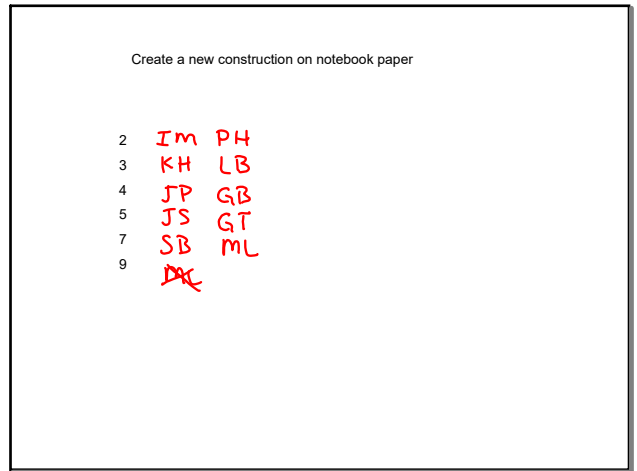
**\*\*Using a ruler measure the two halves of the segment to make sure they have the same measure.**

H. Winking Unit 2.2 page 24

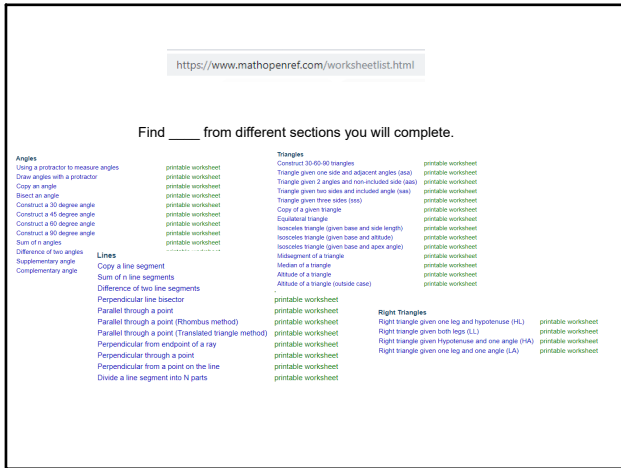
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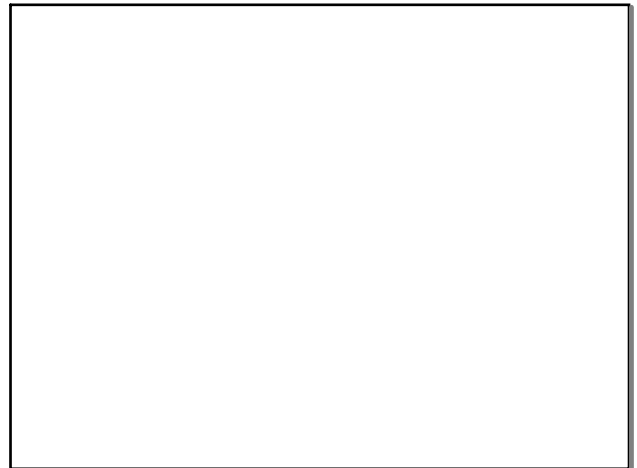
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Sep 14-8:27 AM



Sep 19-8:19 AM